

NYC Department of Education
Building Condition Assessment Survey 2017 - 2018

Electrical Inspection

Q998

Asset: **NYC SCHOOL CONSTR. AUTHORITY - QUEENS, 30-30 THOMSON AVE, New York, 11101**

Inspection Id	Inspection Type	Time In	Last Edited
EE : Q998	Electrical	2018-05-07 8:22 AM	2018-05-10 2:59 PM

Asset Data

Question	Answer
Type of Service	Below Ground
Does Interactive Whiteboard (IWB) Exist?	Yes
Water Penetration in Electrical Room?	No
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: LED Lighting
	Years: 2016
	Systems: Emergency DC Standby Battery Power, Fire Alarm System (Remote Annunciator), Emergency Generator Set (Automatic Transfer Switch), IPDVS/CCTV System
	Years: 2015
	Systems: Telephone System, LAN
	Years: 2010
	Systems: Interior Fluorescent Lighting (Retrofitted), 6th Floor
	Years: 2009
	Systems: Fire Alarm System (Sub-Panel)
	Years: 2000, 2015
	Systems: Emergency Generator Set, Fire Alarm System
	Years: 2000
	Systems: All Other Electrical Systems and Components
	Years: 1990
	Systems: Molded Case Circuit Breaker Panel Board
	Years: 1986, 2000, 2015
	Systems: Switchboard
	Years: 1986, 2000, 2009, 2015
	Systems: Service Switch
	Years: 1986, 2000

DEDICATED INTERCOMS IN FIRE RESCUE AREAS

Question	Response
Are there any Life Rescue Assistance Areas, Fire Rescue Areas, and/or Holding Rooms in your building?	No

Priority Condition

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
No condition recorded								

Inspection

Question	Response
Electrical	
AUDITORIUM	Does not Exist
CAFETERIA	Does not Exist
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	Inspected
Lighting	Inspected
Does a Chandelier exist?	No
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	Inspected
Pendant Mounted	Does not Exist
Surface Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lighting Fixture - LED	Inspected
Pendant Mounted	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
COMPUTER LAB	Does not Exist
GYMNASIUM	Does not Exist
KITCHEN	Does not Exist
LIBRARY	Does not Exist
LOCKER ROOM	Does not Exist
MULTIPURPOSE ROOM	Does not Exist
SCIENCE DEMO ROOM	Does not Exist
SCIENCE LAB	Does not Exist
SCIENCE PREP ROOM	Does not Exist
SWIMMING POOL	Does not Exist
TOILET ROOM - STAFF	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Does not Exist
Surface Mounted	Does not Exist
Recessed Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	Does not Exist
Lighting Fixture - LED	Does not Exist

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Question	Response
TOILET ROOM - STUDENT	Does not Exist
AUXILIARY SIGNAL/BELL SYSTEM	Does not Exist
EMERGENCY DC STANDBY BATTERY POWER	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
EMERGENCY GENERATOR SET	Inspected
Automatic Transfer Switch (ATS)	Inspected
Instance	Room 2133
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	GE Zenith Controls
Equipment	ATS-DC
Capacity/Size Quantity	1,200
Capacity/Size UOM	Amps
Source of Capacity/Size	Inspector Estimate
Installation Year	2015
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Battery Charger	Inspected
Instance	5th Floor Roof - Generator Enclosure
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Cummins Onan
Equipment	Battery Charger
Capacity/Size Quantity	10
Capacity/Size UOM	AmpsDC
Capacity/Size2 Quantity	24
Capacity/Size2 UOM	VDC
Source of Capacity/Size	Nameplate
Installation Year	2000
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Diesel	Does not Exist
Natural Gas	Inspected
Instance	5th Floor Roof - Generator Enclosure
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Cummins Onan
Equipment	Emergency Generator
Capacity/Size Quantity	350
Capacity/Size UOM	KVA
Capacity/Size2 Quantity	280
Capacity/Size2 UOM	KW
Capacity/Size3Quantity	973
Capacity/Size3 UOM	Amps
Source of Capacity/Size	Nameplate

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Question	Response
EMERGENCY GENERATOR SET	Inspected
Natural Gas	
Installation Year	2000
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
EMERGENCY LIGHT/EXIT LIGHT PANEL	Does not Exist
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	FIXTURE NOT OPERATIONAL
Deficiency Location/Instance	1st Floor Corridor By Rooms (1102, 1231)
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo	No photo recorded
Violations	No violations recorded.
Non Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
EXIT/EMERGENCY LIGHT	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CITY FIRE ALARM SYSTEM	Does not Exist
FIRE ALARM SYSTEM	Inspected
Replacement Quantity	258,000
Replacement Uom	S.F.
Bell/Horn	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Strobe	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Manual Pull Station	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fan Shutdown Control	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Duct Smoke Detector	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
FIRE ALARM SYSTEM	
Area Smoke Detector	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CO Detector	Does not Exist
Heat Detector	Does not Exist
Elevator Recall	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Magnetic Door Holder/Contactor	Does not Exist
Fused Cutout Panel	Does not Exist
Fire Alarm Digital Communicator	Does not Exist
Main Panel	Does not Exist
Sub-Panel	Inspected
Bell At Panel	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Inspected
Instance	2nd Floor - Staircase K Electrical Closet
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Fire-Lite Alarms Inc
Equipment	2nd Floor Strobe Panel
Model	MS-4012
Capacity/Size Quantity	4
Capacity/Size UOM	Zones
Source of Capacity/Size	Diagram
Installation Year	2000
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Room 2134
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Fenwal
Equipment	Preaction Sprinkler Control Panel
Model	FN-6000
Capacity/Size Quantity	5
Capacity/Size UOM	Zones
Source of Capacity/Size	Diagram
Installation Year	2015
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Room 2131
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Edwards System Technology

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Question	Response
FIRE ALARM SYSTEM	
Sub-Panel	
Fire Alarm Control Panel (Electronic)	
Equipment	Emergency Power Off Control Panel
Model	EST
Capacity/Size Quantity	9
Capacity/Size UOM	Zones
Source of Capacity/Size	Diagram
Installation Year	2015
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	Does not Exist
Remote Annunciator	Inspected
Display Monitor	Does not Exist
Panel	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Printer	Does not Exist
Punch Register	Does not Exist
Sprinkler Flow/Air Pressure Switch	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Tamper Flow Switch/Chain	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	Does not Exist
INTERCOM SYSTEM	Inspected
Elevator	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Holding Area	Does not Exist
LAN	Inspected
Local Distribution Frame (I/LDF)	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	Does not Exist
MOTOR CONTROL CENTER	Does not Exist
MOTOR STARTER/CONTACTOR	Does not Exist
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fused Knife Switch Type	Does not Exist
Fused Toggle Switch Type	Does not Exist
Molded Case Circuit Breaker Type	Inspected
Condition	2 - Between Good and Fair

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Question	Response
PANEL BOARD	
Molded Case Circuit Breaker Type	
Deficiency	PANEL BOARD DIRECTORY MISSING OR REQUIRES UPDATING
Deficiency Location/Instance	1st Floor Corridor By Room 1216, Room 2134
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
PUBLIC ADDRESS SYSTEM	
	Does not Exist
SECURITY	
	Inspected
IPDVS/CCTV System	
	Inspected
Replacement Quantity	258,000
Replacement Uom	S.F.
Installation Year	2015
Source of Installation	Custodial Staff
Condition	1 - Good
Deficiency	No deficiencies recorded
Intrusion Alarm System	
	Does not Exist
Lighting - Security	
	Does not Exist
SERVICE SWITCH	
	Inspected
Instance	1st Floor - Electrical Room East
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pacific Electric
Equipment	NYC-SCA Main SWBD "B"
Capacity/Size Quantity	4,000
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	1st Floor - Electrical Room West
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pacific Electric
Equipment	Bus Duct Riser "NW"
Capacity/Size Quantity	3,000
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	1st Floor - Electrical Room West

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Question	Response
SERVICE SWITCH	
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pacific Electric
Equipment	DPLT-1-NW
Capacity/Size Quantity	800
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	1st Floor - Electrical Room West
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Square D
Equipment	DP-SW-1
Capacity/Size Quantity	1,600
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	2000
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	1st Floor - Electrical Room West
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pacific Electric
Equipment	SCA
Capacity/Size Quantity	400
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1995
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Instance	1st Floor - Electrical Room West
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pacific Electric
Equipment	Space
Capacity/Size Quantity	600
Capacity/Size UOM	Amps
Source of Capacity/Size	Diagram with Custodian
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
SWITCHBOARD	Inspected

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Question	Response
SWITCHBOARD	
Number of Spares	7
Air Circuit Breaker Type	Does not Exist
Fused Disconnect Switch Type	Inspected
Instance	1st Floor - Electrical Room East
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pacific Electric
Equipment	Switch Board "B"
Capacity/Size Quantity	4,000
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	2
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Service Switch Size
Installation Year	1986
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Instance	1st Floor - Electrical Room East
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Square D
Equipment	N/A
Capacity/Size Quantity	1,600
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Nameplate
Installation Year	2000
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	1st Floor - Electrical Room East
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	American Switchboard Co.
Equipment	6th Floor SCA
Capacity/Size Quantity	800
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Nameplate
Installation Year	2009
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	1st Floor - Electrical Room West
Instance Condition	2 - Between Good and Fair
Instance Quantity	1

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Question	Response
SWITCHBOARD	
Fused Disconnect Switch Type	
Instance Quantity Uom	EACH
Instance Manufacturer	Square D
Equipment	DP-SW-1
Capacity/Size Quantity	1,600
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Nameplate
Installation Year	2000
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	1st Floor - Electrical Room West
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pacific Electric
Equipment	DPLT-1 N/W
Capacity/Size Quantity	800
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Nameplate
Installation Year	1986
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Instance	Electrical Closet 2134
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	American Switchboard Co.
Equipment	SDB 2B
Capacity/Size Quantity	800
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Nameplate
Installation Year	1986
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Instance	Electrical Closet 4136
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	American Switchboard Co.
Equipment	SDB 4B
Capacity/Size Quantity	800
Capacity/Size UOM	Amps Total

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Question	Response
SWITCHBOARD	
Fused Disconnect Switch Type	
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Nameplate
Installation Year	1986
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
Fused Knife Switch Type	
	Does not Exist
Molded Case Circuit Breaker Type	
	Inspected
Instance	Room 2133
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	All City Switchboard
Equipment	SWB-DC (Emergency Generator Switchboard)
Capacity/Size Quantity	1,000
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Inspector Estimate
Installation Year	2015
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
TELEPHONE SYSTEM	
	Inspected
PBX/Intercom	
	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Standard	
	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
TRANSFORMER	
	Does not Exist
TV SYSTEM	
	Inspected
Cable System Exist?	Yes
Operational?	Yes
Main Equipment Rack	
	Does not Exist